

# Claims

[c1] What is claimed is:

1.A method of controlling the operational mode of a computer system comprising the following steps:

(a)detecting how long a second power supply supplies power to the computer system, when the power supply of the computer system is switched from a first power supply to the second power supply; and

(b)changing the operational mode of the computer system, if the second power supply supplies power for less than a predetermined period,otherwise remaining in the current operational mode of the computer system.

[c2] 2.The method of claim 1, wherein the first power supply is an AC/DC adapter electrically connected to a commercial alternating current source.

[c3] 3.The method of claim 1, wherein the second power supply is a battery.

[c4] 4.The method of claim 1, wherein if the second power supply supplies power for less than a predetermined period, lowering the operational frequency of a CPU, electronic devices, or a bus of the computer system to re-

duce power consumption of the computer system.

5.The method of claim 1, wherein the computer system is a notebook computer.

[c5] 6. A computer system for performing the method of claim 1.

[c6] 7.A method of controlling the operational mode of a computer system comprising the following steps:  
(a)detecting how long abattery supplies power to the computer system, when the power supply of the computer system is switched from an AC/DC adapter electrically connected with acommercial alternating current source to thebattery; and  
(b)changing the operational mode of the computer system, if the battery supplies power for less than a predetermined period,otherwise remaining in the current operational mode of the computer system.

[c7] 8.The method of claim 7, wherein if the battery supplies power for less than a predetermined period, lowering the operational frequency of a CPU, electronic devices, or a bus of the computer system to reduce power consumption of the computer system.

9.The method of claim 7, wherein the computer system is a notebook computer.

10. A computer system for performing the method of

claim 7.